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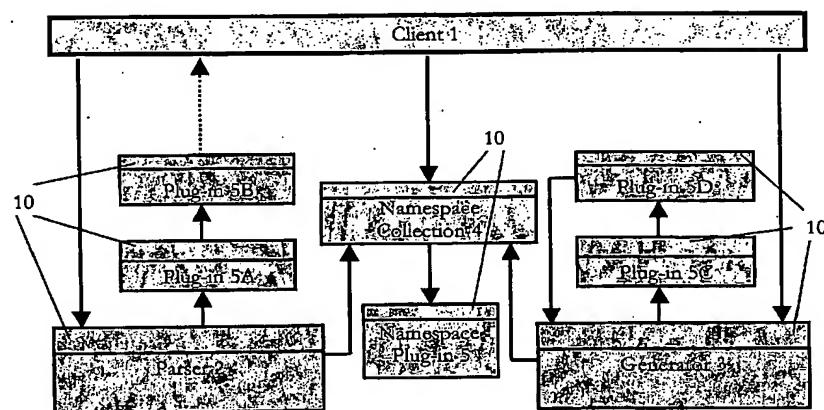
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(54) Title: METHOD AND APPARATUS FOR HANDLING TEXT AND BINARY MARK UP LANGUAGES IN A COMPUTING DEVICE



(57) Abstract: A client can operate with a parser or generator for both text (e.g. XML) and binary (e.g. WBXML) mark up languages; the client uses a unique integer value that can be interpreted in an index of elements, attributes and attribute values needed to describe a particular type of mark-up document, the index maps that unique integer value not only (a) to a token associated with predefined element, attribute or attribute value to enable a token based mark up language to be handled but also (b) to a string associated with a predefined element, attribute or attribute value to enable to enable a string based mark up language to be handled. This greatly simplifies the implementation of clients. Further, clients that require parsing of different mark-up languages will require less memory, as they will communicate with only one common API to parse both binary and text mark-up languages. Also, clients will not need to know what the source document is (i.e. text or binary) as the APIs are the same.

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